

# Service Subdomains Explanation

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## Overview

This document provides information about service subdomains (formerly proxy subdomains). In cPanel & WHM version 11.42 and later, we modified Apache's configuration to properly use proxy subdomains with Secure Sockets Layer (SSL) protocol. In cPanel & WHM version 76, we renamed proxy subdomains to service subdomains. This name more clearly describes the subdomains' purpose rather than a specific implementation.

## Service subdomain explanation

Service subdomains provide access to `cpsrvd` over the standard `http` and `https` ports. They also provide configuration information for mail clients, as well as calendar and contacts clients. When you create a new account or create a new domain the system automatically creates service subdomains. You can find a list of these subdomains in the [Subdomain ports](#) section of this document below.

### Notes:

- To use this feature, your system administrator must enable the *Service subdomain creation* setting in the [Domains](#) section of WHM's *Tweak Settings* interface (*WHM >> Home >> Server Configuration >> Tweak Settings*).
- The system does not create service subdomains for newly created subdomains.

You can access the cPanel, WHM, and WebMail login interfaces via the associated service subdomain. Alternatively, you can log in via the [associated port](#) for a slight speed advantage. The following table compares the advantages of both login types:

Login Type	Advantage
<b>Service subdomain</b> For example: <code>https://cpanel.example.com</code>	<ul style="list-style-type: none"><li>Easier to remember than a port number.</li><li>Can access from a network with restrictive firewall (for example, the firewall restricts access to ports 80 and 443).</li></ul>
<b>Port</b> For example: <code>https://example.com:2083</code>	Slightly faster server response.

## The configuration information service subdomains

The `autodiscover` and `autoconfig` service subdomains grant programs access to domain configuration settings. Programs access the `cpcalendars`, and `cpcontacts` service subdomains for calendar and contacts communication. The following tables lists service subdomains, with their associated program:

Service subdomain	Associated programs	
<code>autodiscover</code>	Microsoft Outlook®	For more information, read our <a href="#">Thunderbird and Outlook autodiscover and autoconfig support</a> documentation.
<code>autoconfig</code>	Thunderbird	
<code>cpcalendars</code>	CalDav and calendar clients	For more information, read our <a href="#">How to Set Up Calendars and Contacts</a> documentation.
<code>cpcontacts</code>	CardDav and contacts clients	

## Subdomain ports

The following table lists the service subdomains with their associated port:

**Note:**

In cPanel & WHM version 62, we expanded Domain TLS to handle Server Name Indication (SNI) functionality for service subdomains. cPanel & WHM enables SNI functionality by default for SSL certificates on service subdomains. For more information about Domain TLS, read our [What is Domain TLS](#) documentation.

Subdomain	Secure port	Non-secure port
cpanel	2083	2082
whm	2087	2086
	<b>Note:</b> SSL only secures the whm service subdomain for resellers.	
webmail	2096	2095
webdisk	2078	2077
autodiscover	443	80
autoconfig	443	80
cpcalendars	2080	2079
cpcontacts	2080	2079

## Additional documentation

Suggested documentation For cPanel users For WHM users For developers

- [Service Subdomains Explanation](#)
- [Service and Proxy Subdomains](#)
- [How to Configure Your Firewall for cPanel Services](#)
- [How to Troubleshoot PCI Compliance Scans](#)
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## Content by label

There is no content with the specified labels

